

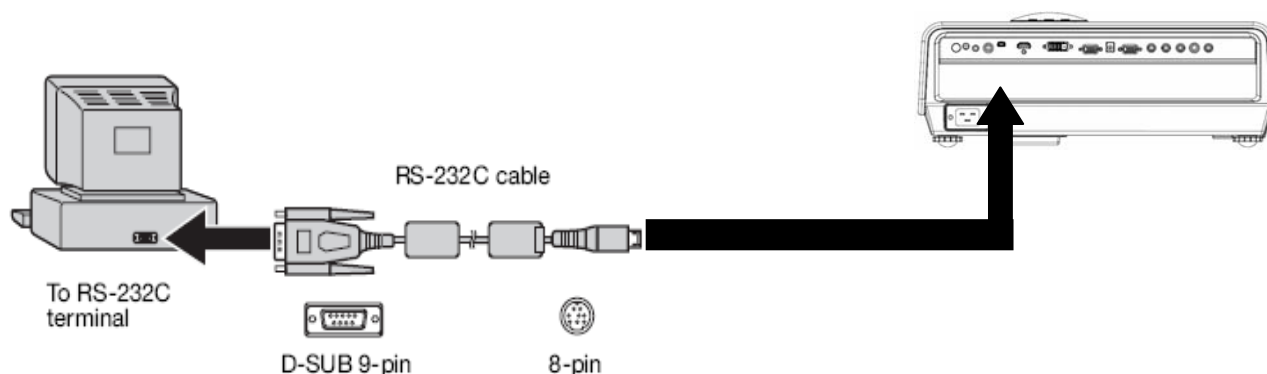
BenQ RS232 Code

BenQ

Model: SP920

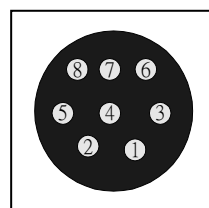
1. Connection :

The below shows the illustration of connection between control terminal and Projector.



<Pin assignment >

Pin	Description	Pin	Description
1	RX	2	CTS
3	NC	4	GND
5	RTS	6	NC
7	TX	8	GND



- ◆ Make sure that your computer and projector are turned off before connection.
- ◆ Power on the computer first, and then plug the power cord of the projector.
(It may cause Com port incorrect function, if you do not follow this instruction)
- ◆ Adapters may be necessary depending on the PC connected to this projector. Please contact with your dealer for further details.

2. Interface Setting :

Baud Rate	115200 bps (default) Changeable(2400/4800/9600/14400/19200/38400/57600/115200) Setting in OSD menu
Data Length	8 bit
Parity Check	None
Stop Bit	1 bit
Flow Control	None

3. RS232 Commands

Function	Type	Operation	ASCII
Power	Write	Power On	<CR>*pow=on#<CR>
	Write	Power off	<CR>*pow=off#<CR>
	Read	Power Status	<CR>*pow=?#<CR>
Source Selection	Write	Analog RGB	<CR>*sour=RGB#<CR>
	Write	DVI-D	<CR>*sour=dvid#<CR>
	Write	HDMI	<CR>*sour=hdmi#<CR>
	Write	Composite	<CR>*sour=vid#<CR>
	Write	S-Video	<CR>*sour=svid#<CR>
	Write	Component	<CR>*sour=ypbr#<CR>
	Read	Current source	<CR>*sour=?#<CR>
Audio	Write	Mute On	<CR>*mute=on#<CR>
	Write	Mute Off	<CR>*mute=off#<CR>
	Read	Mute Status	<CR>*mute=?#<CR>
	Write	Volume +	<CR>*vol=+#<CR>
	Write	Volume -	<CR>*vol=-#<CR>
	Read	Volume Status	<CR>*vol=?#<CR>
Picture Setting	Write	Contrast +	<CR>*con=+#<CR>
	Write	Contrast -	<CR>*con=-#<CR>
	Read	Contrast value	<CR>*con=?#<CR>
	Write	Brightness +	<CR>*bri=+#<CR>
	Write	Brightness -	<CR>*bri=-#<CR>
	Read	Brightness value	<CR>*bri=?#<CR>
	Write	Aspect 4:3	<CR>*asp=4:3#<CR>
	Write	Aspect 16:9	<CR>*asp=16:9#<CR>
	Write	Aspect Auto	<CR>*asp=AUTO#<CR>
	Write	Aspect Real	<CR>*asp=REAL#<CR>
	Write	Blank On	<CR>*blank=on#<CR>
	Write	Blank Off	<CR>*blank=off#<CR>
	Read	Blank Status	<CR>*blank=?#<CR>
	Write	Freeze On	<CR>*freeze=on#<CR>
	Write	Freeze Off	<CR>*freeze=off#<CR>
	Read	Freeze Status	<CR>*freeze=?#<CR>
	Write	Zoom In	<CR>*zoomI#<CR>

Function	Type	Operation	ASCII
Picture Setting	Write	Zoom out	<CR>*zoomO#<CR>
	Write	Auto	<CR>*auto#<CR>
Lamp Control	Read	Lamp Hour	<CR>*ltim=?#<CR>
	Read	Lamp-2 Hour	<CR>*ltim2=?#<CR>
	Write	Dual Brightest	<CR>*lampm=dualbr#<CR>
	Write	Dual Reliable	<CR>*lampm=dualre#<CR>
	Write	Single Alternative	<CR>*lampm=single#<CR>
	Read	Lamp Mode Status	<CR>*lampm=?#<CR>
Menu Control	Write	Menu On	<CR>*menu=on#<CR>
	Write	Menu Off	<CR>*menu=off#<CR>
	Write	Up	<CR>*up#<CR>
	Write	Down	<CR>*down#<CR>
	Write	Right	<CR>*right#<CR>
	Write	Left	<CR>*left#<CR>
	Write	Enter	<CR>*enter#<CR>

NOTE :

Note1: If the command format is illegal, it will echo "Illegal format".

Note2: If the command is not supported, it will echo "Unsupported item".

Note3: If the command is disabled, it will echo "Block item".

Note4: All the echo text will be same with the command you execute except query command